

Canon

S520

COLOUR BUBBLE JET PRINTER



I can...

...get a high
speed, 2400 dpi
printer that
really means
business.

You can...

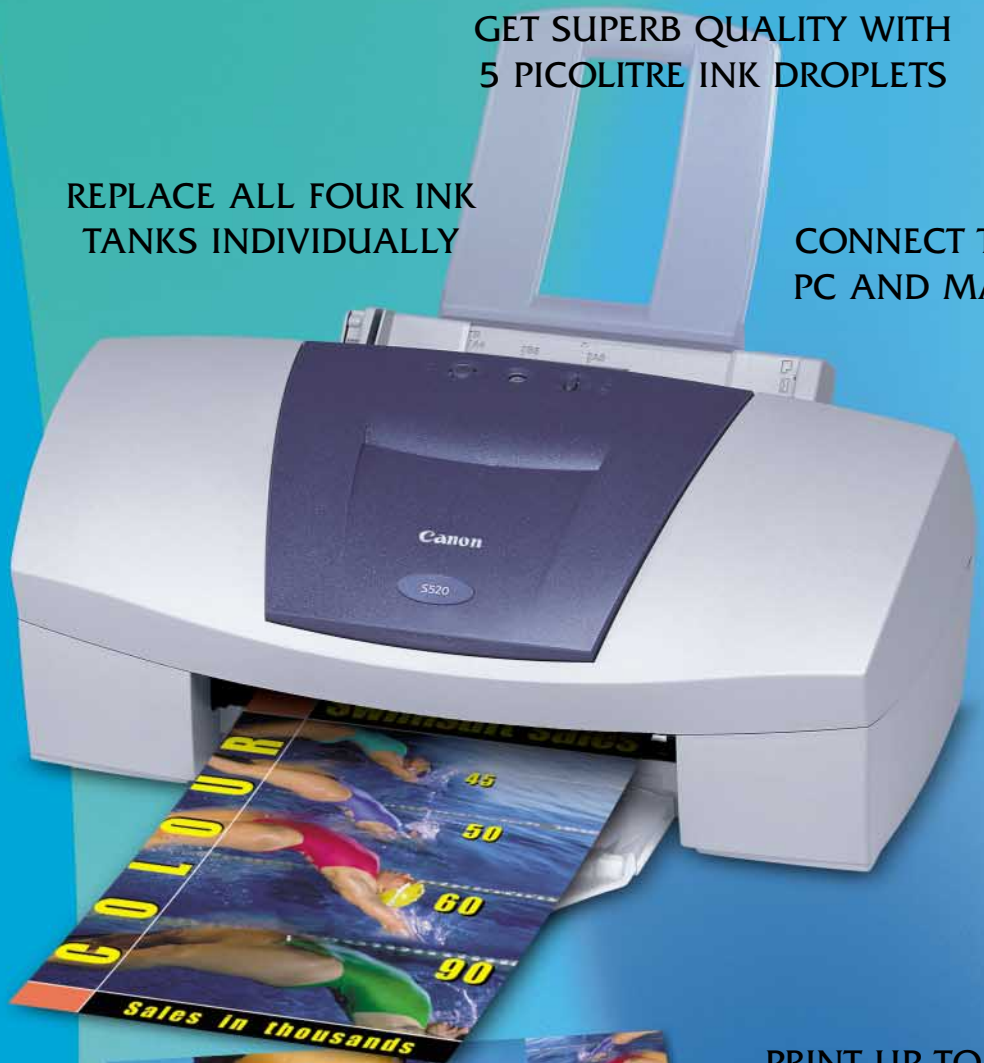
Canon

You can...

GET SUPERB QUALITY WITH
5 PICOLITRE INK DROPLETS

REPLACE ALL FOUR INK
TANKS INDIVIDUALLY

CONNECT TO
PC AND MAC



PRINT UP TO
2400 X 1200 DPI



SAVE MONEY WITH HIGH QUALITY
DEFAULT MODE PRINTING



CREATE PRINTS WITHOUT
BORDERS UP TO A4 SIZE



PRINT PHOTOS THAT LAST
UP TO 25 YEARS¹

...print up to
14 B&W
pages and
9 colour pages
per minute.²

Introducing high-speed prin

DESIGNED WITH BUSINESS IN MIND.

The S520 is the lowest priced model in a new line of printers designed to offer two high speed modes, excellent plain paper quality, extraordinary photographic quality and reduced operating costs, making it ideal for business and home office users.

WITH DUAL HIGH-SPEED MODES.

For everyday work the S520 offers two very useful print speeds – fast, and faster. Using a variety of innovations to the motor, paper feed and print methodology, the S520 delivers up to 12 monochrome and 6 colour pages per minute (ppm)² in the standard (default) print mode, and that's ideal for high quality reports and external communication.

Then, for internal reports, draft memos and printing from the Internet, the S520 is positively blazing thanks to Precision Colour Distribution Technology (PCDT). This special *Fast* mode combines many of the best features of both conventional draft and standard printing modes, delivering up to 14 monochrome and 9 colour ppm, with approximately 50% less ink consumption.²

14
ppm mono
fast mode

No banding thanks to PCDT.

9
ppm colour
fast mode

Rich colour arises from high density printing.

CANON FAST MODE PRINTING
No grain, well defined lines, with 600 dpi resolution.

WITHOUT SACRIFICING QUALITY.

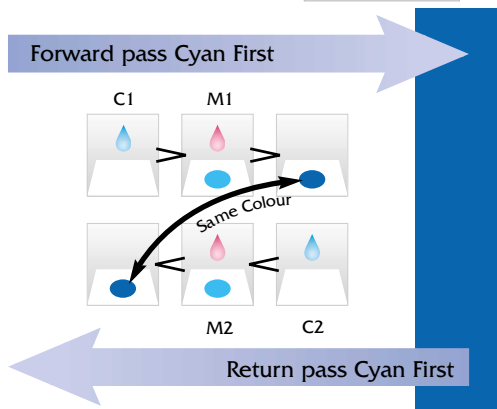
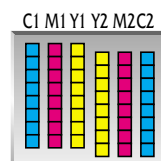
Most draft printing modes use bi-directional printing to print a line with each back and forth movement of the print heads. But they often sacrifice quality with reduced resolution as low as 180 dpi, and/or by not printing colours in the same order. By redesigning the print head, Canon has developed a better one pass bi-directional print method to deliver consistent colours at 600 dpi on plain paper. Colours remain consistent, and quality can rival conventional standard print modes, even at high print speeds, making it ideal for everyday work.



Canon PCDT prints colours in the same order with each direction of the print head for consistent colours. Conventional bi-directional systems do not.

CANON NOZZLE STRUCTURE

Nozzle design prints colours in the same order with each direction of the print head.

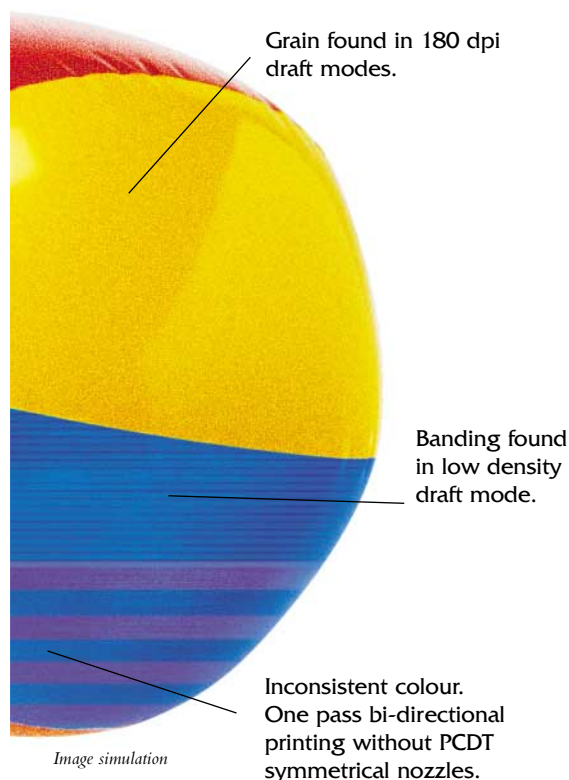


S520

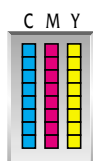
High speed printer for busin

ting, without draft mode faults,

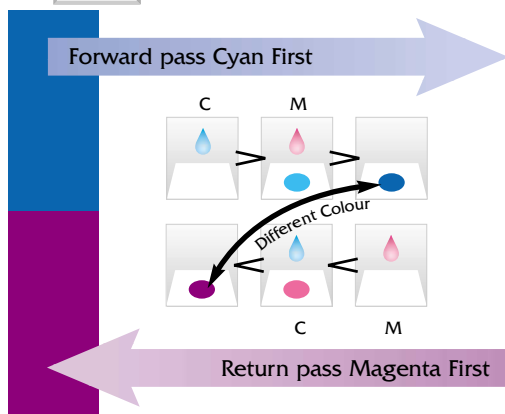
COMMON DRAFT MODE PROBLEMS



CONVENTIONAL NOZZLE STRUCTURE



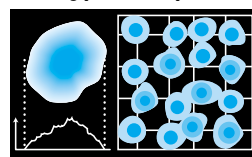
Nozzle design varies the order in which colours are printed with each direction of the print head.



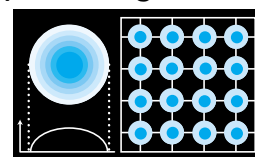
USING ULTRA SMALL INK DROPS.

Canon's Advanced MicroFine Droplet Technology uses microscopic ink droplets only 5 picolitres in size with High Intensity inks for more vibrant colours. These are precision placed, enabling 1200 dpi on plain paper and resolution up to 2400 x 1200 dpi on higher quality papers. The result is smoother colour graduations and improved tonal quality, with sharper lines and edges.

Typical droplet strike patterns (magnified)



Simpler technologies



S520



Image simulation

Advanced MicroFine Droplet Technology delivers, crisp high quality images. Combined with the Vivid Photo mode you'll also find enhanced greens and blues.

SEPARATE INK TANKS SAVE MONEY TOO.

The inks are optimised for low-cost plain paper, and contained in individually replaceable ink tanks, which are separate from the permanent print head. An onscreen alert warns you when any of the inks are running low. You'll save money, and it helps you avoid running low on ink halfway through a document.

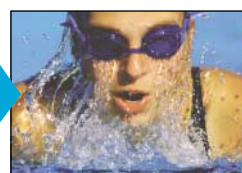


LONGER LASTING, BETTER LOOKING PHOTOS.

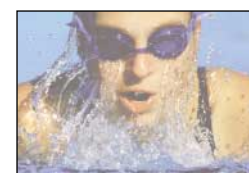
Using Canon Photo Paper Pro, the S520's High Intensity inks deliver exceptional colour-fastness. Tests have shown that, stored properly, prints will retain their light-fastness (as defined by the International Standards Organisation) for as long as 25 years.¹



Original print



S520



Conventional

Image simulation

ess and home offices.

that saves on operating costs.

AUTOMATIC IMAGING TECHNOLOGY.

The driver software incorporates Wide Dynamic Range Colour Technology to better define half-tones and areas of low colour density. Photo Optimiser PRO improves hue, brightness and contrast and can automatically enhance photos shot on a digital camera. Image Optimiser automatically improves images printed directly from the Internet, which are typically 72 dpi. The print driver adjusts for this and prints them to the maximum resolution supported by the printer. The Vivid Photo mode uses the printer's four-colour range (compared to a monitor's three) to greatly enhance cyan-based tones and improve the fidelity of greens and blues.



Use PhotoStitch to join photos together for panoramic vistas.

ADVANCED IMAGE MANAGEMENT.

A photo software suite co-developed by Canon Australia is included in the box and incorporates PhotoRecord, PhotoStitch, 3D-PhotoPrint and ZoomBrowser EX, so you can print electronic photo albums, seamless photo panoramas, 3D photo effects and searchable electronic image libraries.³

PhotoRecord creates special effects, borders and background textures.

FULL-BLEED PHOTOS AND GIANT POSTERS.

Now you don't have to trim prints to remove white borders. The S520 can "overprint" by up to 5mm outside the page area for full bleed printing on both A4 pages and Glossy Photo Cards. The amount is user-selectable to control how much image you "lose". You can also print banners up to six A4 pages long, or create near A0 sized posters by tiling sixteen A4 sheets.



Create near A0 sized posters

A4

PhotoRecord allows simple photo editing and can link directly to other image editing programs.



You can...

Canon

Specifications

S520

Separately
replaceable ink tanks.



From left: BCI-3BK, BCI-3C,
BCI-3M, BCI-3Y



PR-101 Photo Paper Pro
and PR-101 4" x 6" gloss
print stocks.

Printing Method
Paper Handling
Sheet Feeder Capacity

Paper Size
Paper Type

Plain Paper Weight
Printing Speed²

Resolution

Print Width

Resident Printer
Control Modes

Interface
Ink Tanks

Acoustic Noise Level
Operating Environment

Storage Environment

Power Source
Power Consumption

Dimensions
Weight
Included as Standard

Bubble Jet ink on-demand with Advanced MicroFine Droplet Technology™

Automatic feed (Relay Feeding system)

Plain Paper: 100 sheets. **High Resolution Paper:** 80 sheets. **Transparencies:** 30 sheets. **Envelopes:** 10 max (U.S. No 10 or European DL). **Glossy Photo Paper:** 1 sheet. **Photo Paper Pro A4:** 1 sheet. **Photo Paper Pro (4" x 6"):** 20 sheets. **High Gloss Photo Film:** 1 sheet. **Gloss Photo Card:** 20 sheets. **T-shirt Transfers:** 1 sheet. **Banner Paper:** 1 sheet.

A5, B5, A4, Letter, Legal, Envelopes (DL, U.S. No 10), Photo cards (4" x 6").

Plain Paper, Bubble Jet Paper (LC-301), High Resolution Paper (HR-101N), Glossy Photo Paper (GP-301), Photo Paper Pro (PR-101), High Gloss Photo Film (HG-201), Glossy Photo Cards (FM-101), T-Shirt Transfer (TR-201), Envelopes (U.S. No 10 or European DL), Transparencies (CF-102), Banner Paper.

Automatic feed: 64 – 105gsm and supported Canon special media up to 245gsm

Mono Text: Up to 14 ppm (max)

Colour Graphics: Up to 9 ppm (max)

2400 x 1200 dpi (with special Canon papers)

1200 x 1200 dpi (on plain paper)

203.2mm (max) with borders

Borderless photo printing 216mm (max)

Canon Extended Mode, BJJ, Status

IEEE 1284 Compatible Parallel Interface/USB 1.1 Interface

BCI-3eBK: Black ink tank

BCI-3eC: Cyan ink tank

BCI-3eM: Magenta ink tank

BCI-3eY: Yellow ink tank

Approx. 42 dB(A) in best quality mode

Temperature: 5 – 35°C

Humidity: 10 – 90% RH with no condensation

Temperature: 0 – 35°C

Humidity: 5 – 90% RH with no condensation

Australia: AC 240V, 50Hz

Standby: Approx. 3W

Printing: Approx. 33W

430mm x 294mm x 177mm (W x D x H)

Approx. 5.0kg

S520 Colour Bubble Jet printer, S520 print head, BCI-3eBK Black, BCI-3eM Magenta, BCI-3eC Cyan and BCI-3eY Yellow ink tanks. Setup Software and User's Guide CD including e-manual and printer drivers supporting Windows® 95, Windows® 98, Windows® Millennium, Windows NT® 4.0, Windows® 2000 and Windows® XP via parallel port, and Windows® 98, Windows® 2000, Windows® XP, Windows® Me and Mac OS 8.6 to 9.x via USB port, (visit the Canon website to obtain the latest Mac OS X drivers). Also including PhotoRecord, PhotoStitch, 3D-PhotoPrint and ZoomBrowser EX. Photo Application Guide. Quick set up guide. Power cable. Warranty Card.

Footnote 1. How to take care of your photos. Documents and photos printed with ink, especially on plain paper, can always fade. Often this won't matter. But to preserve long lasting memories Canon has developed new High Intensity inks. Used in conjunction with Photo Paper Pro, in-house testing simulating accelerated conditions shows Canon's new inks can retain their light fastness using ISO evaluation criteria (International Standards Organisation) for up to 25 years.

A copy of the methodology may be obtained from Canon upon request. But the ISO criteria accept that a certain colour change is "almost inevitable" as it would also be with some photographic prints. Thus light fastness is defined as losing no more than 30% optical density under the accelerated tests. Even then, the 25 years may not be achieved depending on storing conditions. The expressed number of years cannot be guaranteed by Canon Inc., and does not apply for paper fading or durability.

For best results, allow the ink to dry completely after printing. Store your images in albums, clear plastic folders, or glass frames to avoid open air, and avoid subjecting them to high temperatures, high humidity, or direct sunlight. Store them at normal room temperature. (Do not use albums with self-adhesive pages to store your images, since you will not be able to remove them later on.)



PRINTERS DISTRIBUTED BY CANON IN AUSTRALIA

COME WITH A SPECIAL WARRANTY CARD.

THE ONE YEAR WARRANTY CAN BE UPGRADED TO

3 YEARS FOR A MINIMAL COST AND IS BACKED

BY CANON'S CUSTOMER CARE INFO-LINE SUPPORT.

DRIVER UPDATES AND TECHNICAL SUPPORT ARE ALSO

AVAILABLE FROM OUR WEBSITE – www.canon.com.au

FOR MORE INFORMATION ON THE S520 PHONE PRE-SALES ON 1800 021 167.

You can...

Canon